



#78B/104
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Typed or Printed Name	Donna Macedo		
Signature	<i>Donna Macedo</i>	Date	1/30/03
SECOND PRELIMINARY AMENDMENT Address to: BOX SEQUENCE Assistant Commissioner for Patents PO BOX 2327 Arlington, VA 22202		Attorney Docket	CLON-056CIP
		First Named Inventor	TCHAGA, GRIGORIY S.
		Application Number	09/858,332
		Filing Date	May 15, 2001
		Confirmation Number	2176
		Group Art Unit	1652
		Examiner Name	KERR, KATHLEEN M.
		Title:	"METAL ION AFFINITY TAGS AND METHODS FOR USING THE SAME"

Sir:

In response to the communication mailed January 14, 2003 and prior to the examination of the above-referenced application on the merits, please enter the amendments below.

AMENDMENTS

In the Specification:

Please replace paragraph [0060] with the following paragraph:

In some embodiments, a metal ion affinity peptide comprises a peptide of the formula:

(His-X₁-X₂)_{n1}-(His-X₃-X₄-X₅)_{n2}-(His-X₆)_{n3}, (SEQ ID NO:21) wherein

each of X₁ and X₂ is independently an amino acid with an aliphatic or an amide side chain,

each of X₃, X₄, X₅ is independently an amino acid with a basic side chain (except His) or an acidic side chain,

each X₆ is an amino acid with an aliphatic or an amide side chain,

n1 and n2 are each independently 1-3, and n3 is 1-5.

Please replace paragraph [0062] with the following paragraph:

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